

For the first undirected graph with an edge list, the graph has vertices connected like this: A-B, A-G, A-E, B-F, B-C, G-D, G-J, D-I, and D-H.

BFS Order starting at A

A, B, G, E, F, C, D, J, I, H

DFS order starting at A:

A, B, F, C, G, D, I, H, J, E

For the second undirected graph with edge list, the graph has vertices connected like this: C-E, C-D, C-B, E-G, E-D, E-B, G-I, G-H, I-D, H-J, and H-F.

BFS Order starting at I:

I, G, D, E, H, C, B, J, F

DFS Order starting at G:

G, E, C, D, I, B, H, J, F